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 categorization task

David D. Lewis

**Proceedings of the 15th annual international ACM SIGIR
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Syntactic phrase indexing and term clustering have been widely explored as text representation techniques for text retrieval. In this paper we study the properties of phrasal and clustered indexing languages on a text categorization task, enabling us to study their properties in isolation from query interpretation issues. We show that optimal effectiveness occurs when using only a small proportion of the indexing terms available, and that effectiveness peaks at a higher feature set size and ...

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Though there has been extensive work on multimedia databases in the
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 Dmitri Roussinov

CHI '99 extended abstracts on Human factors in computer systems May 1999

Automatically created maps of concepts improve navigation in large collections of text documents. My research in progress on leveraging navigation by interactively providing the ability to modify the maps themselves has led me to believe that this functionality increases responsiveness to the user and makes searching more effective. I explored both what adaptive features users perceive to be most helpful and the overall effect of adaptation on achieving information seeking goals.

8 Semantic based image retrieval: a probabilistic approach 98%

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